

FIG.1

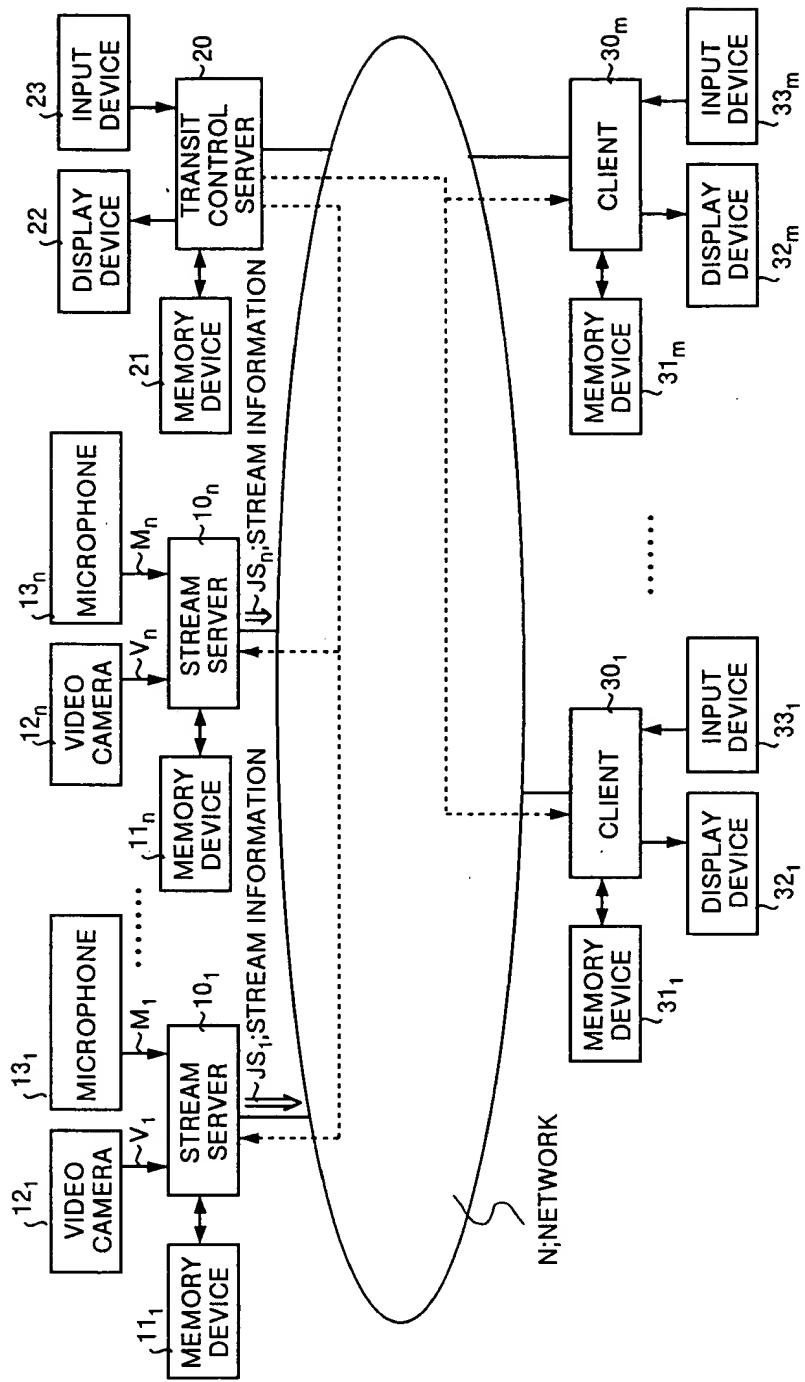


FIG.2

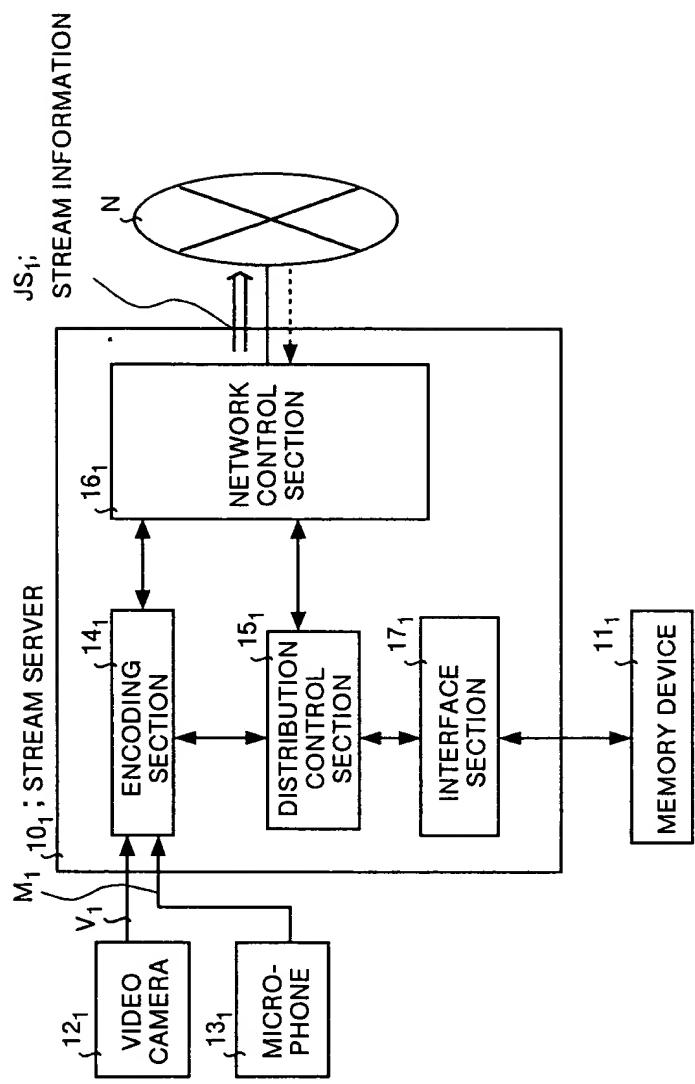
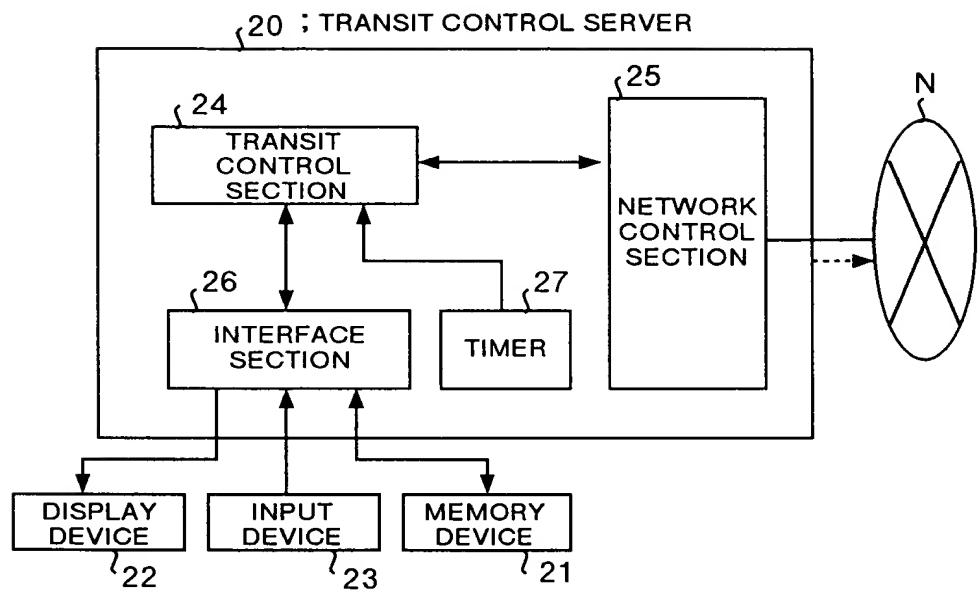


FIG.3



## FIG.4A

J<sub>1</sub>; SERVER INFORMATION

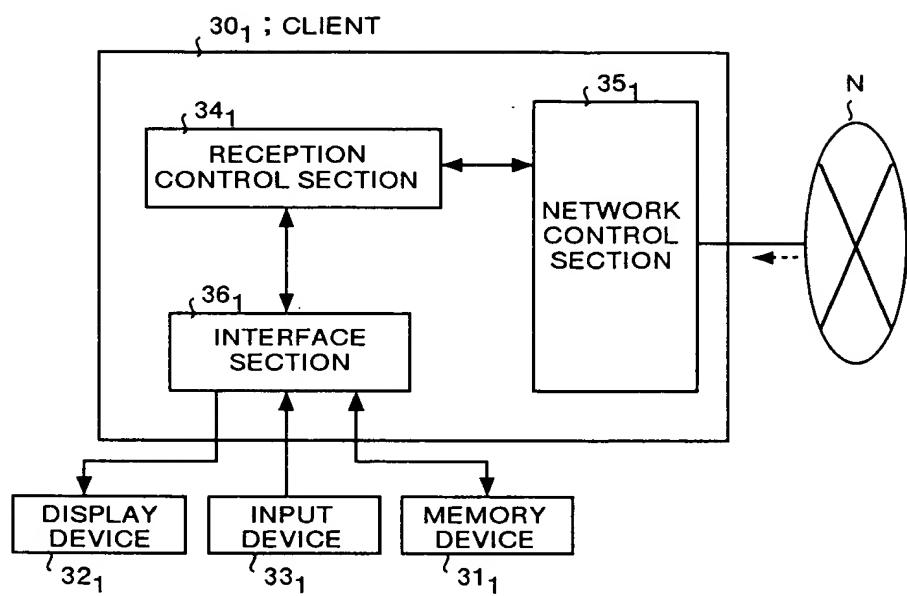
SERVER NAME	SERVER IP ADDRESS	CONTENTS NAME	MULTICAST ADDRESS
STREAM SERVER 1	11.2.3.100	CONTENTS 1	239.0.10.100
:	:	:	:
STREAM SERVER n	11.2.3.199	CONTENTS n	239.0.10.199

## FIG.4B

J<sub>2</sub>; CLIENT INFORMATION

CLIENT NAME	CLIENT IP ADDRESS
CLIENT 1	22.33.44.100
:	:
CLIENT m	22.33.44.199

FIG.5



# FIG.6

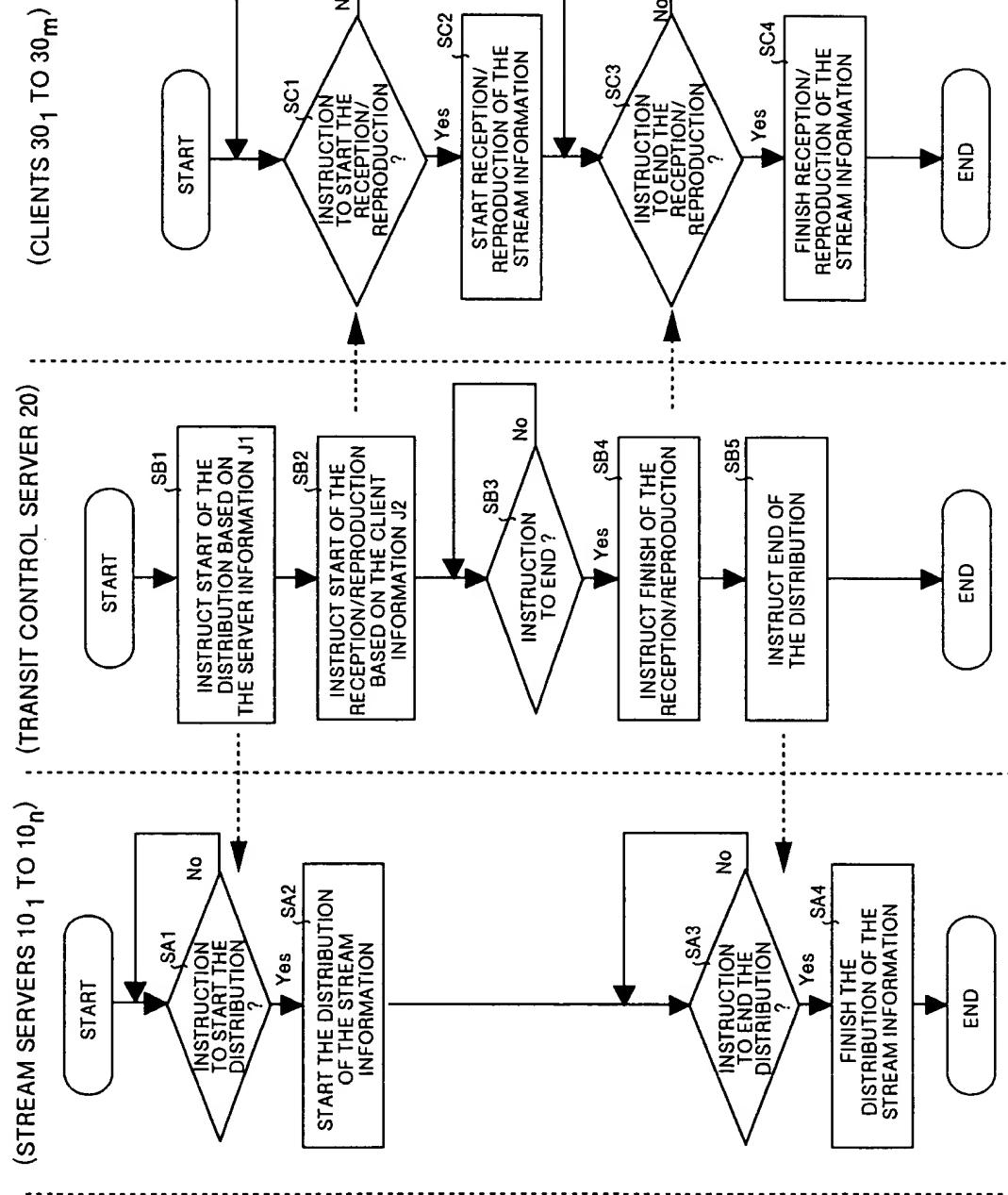
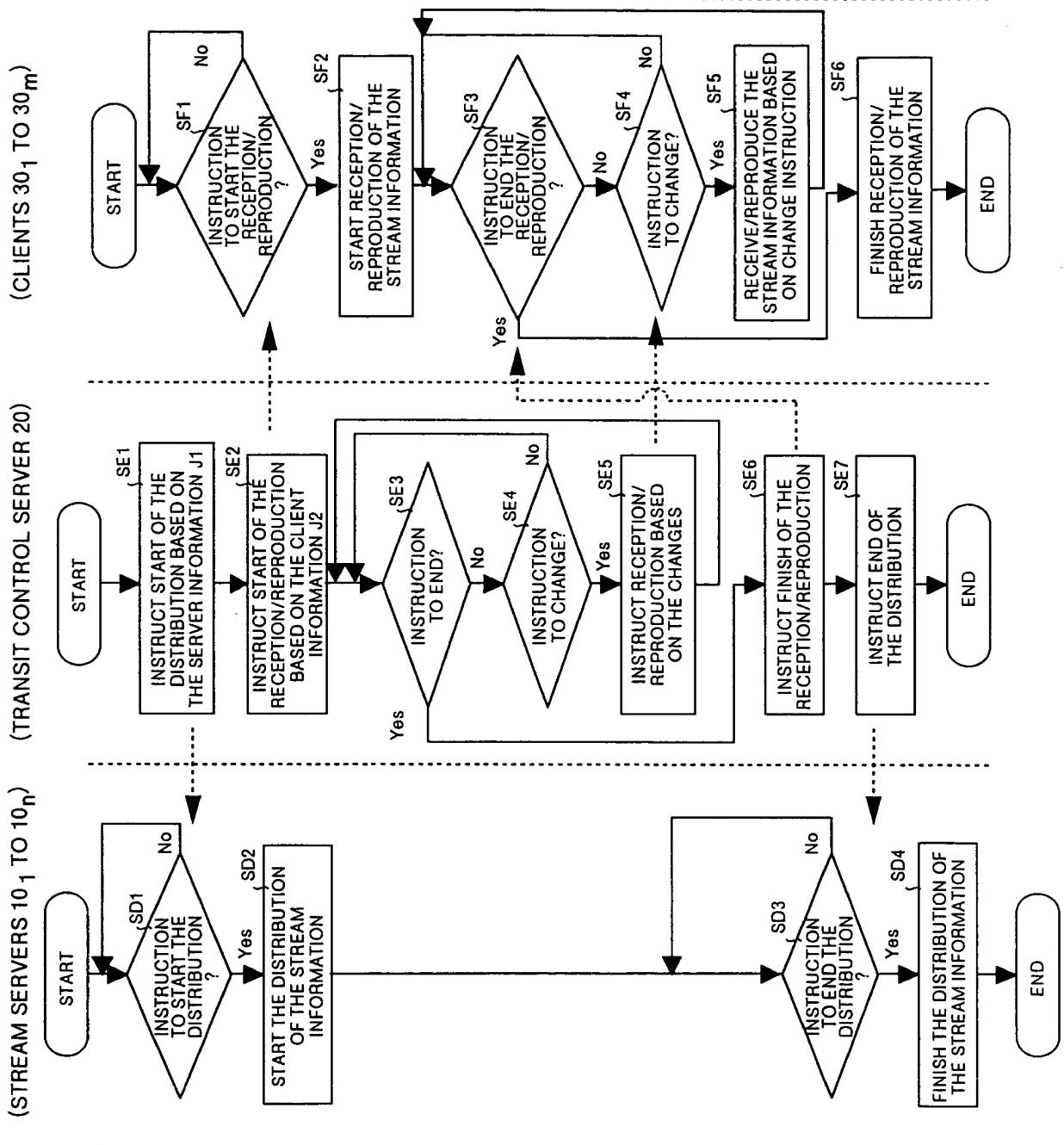
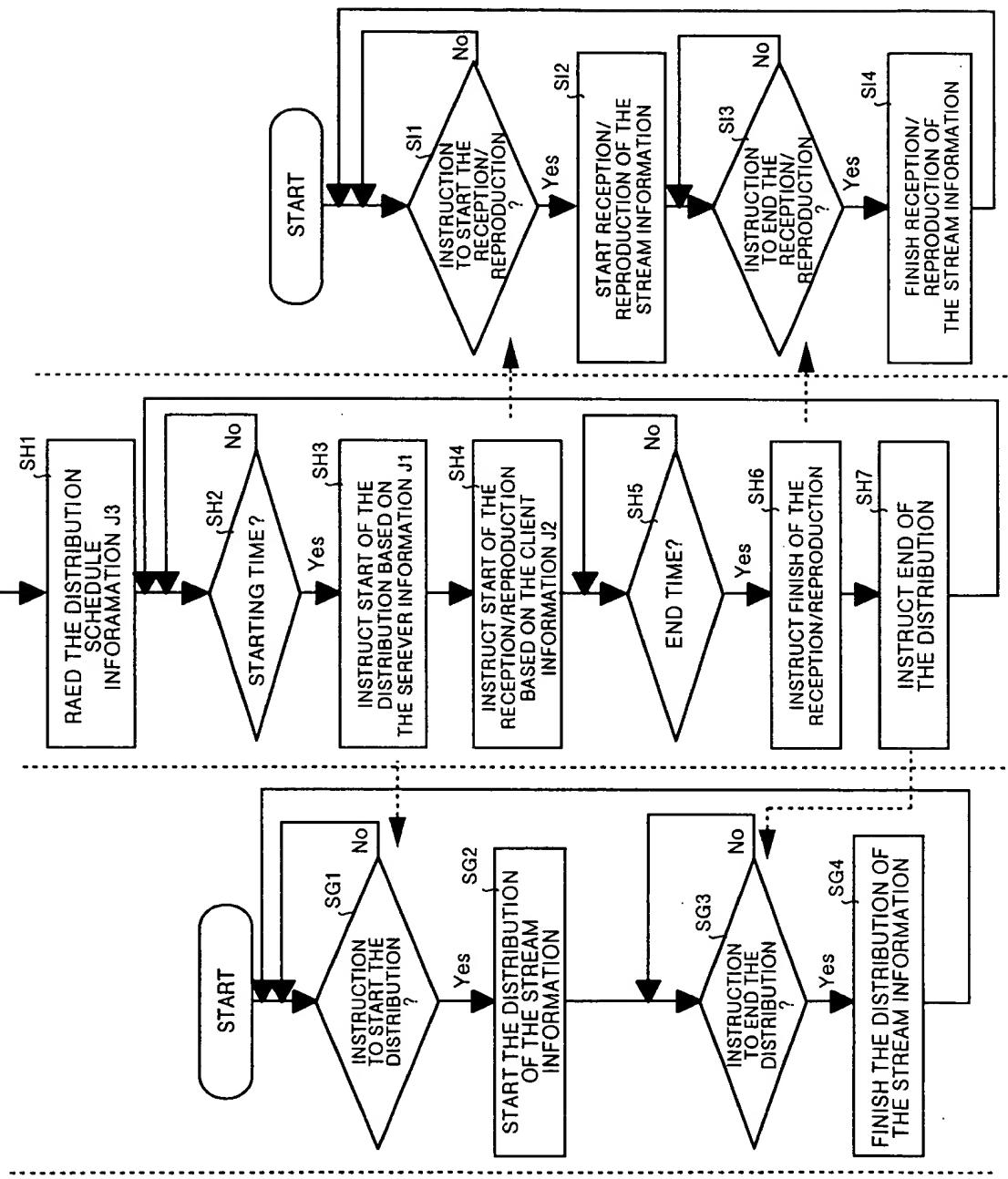


FIG. 7



**FIG.8**  
 (STREAM SERVERS 10<sub>1</sub> TO 10<sub>n</sub>) (TRANSIT CONTROL SERVER 20) (CLIENTS 30<sub>1</sub> TO 30<sub>m</sub>)



## FIG.9

## J3;DISTIBUTION SCHEDULE INFORMATION

DATE	START TIME	END TIME	CONTENTS NAME 1	CONTENTS NAME 2	DISPLAY METHOD
1999.07.30	12:00.00	12:30.00	CONTENTS 1	CONTENTS 2	LATERAL PARALLEL DISPLAY
1999.07.31	13:00.00	15:00.00	CONTENTS 3	CONTENTS 4	LATERAL PARALLEL DISPLAY
:	:	:	:	:	:

FIG. 10

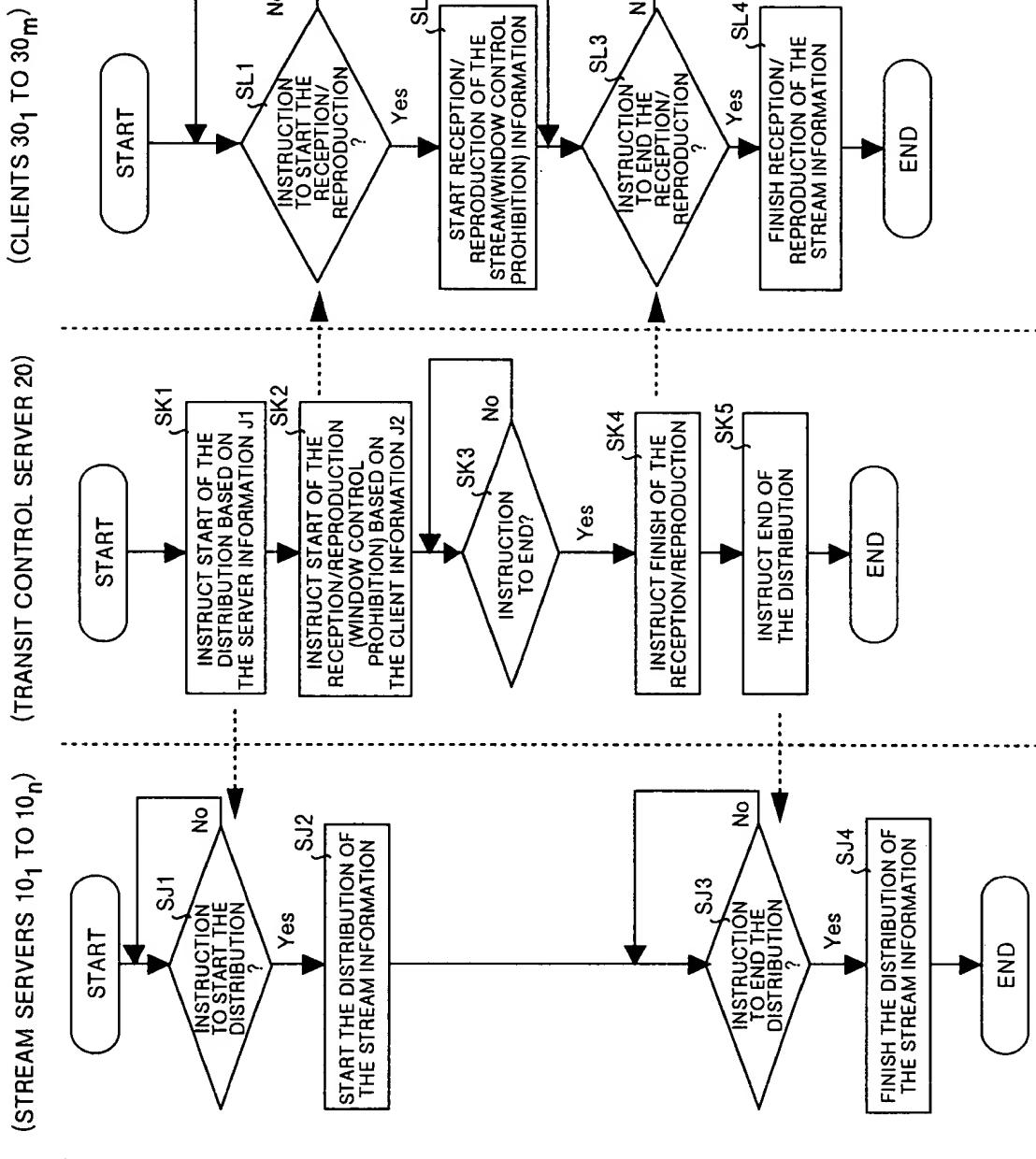


FIG. 11

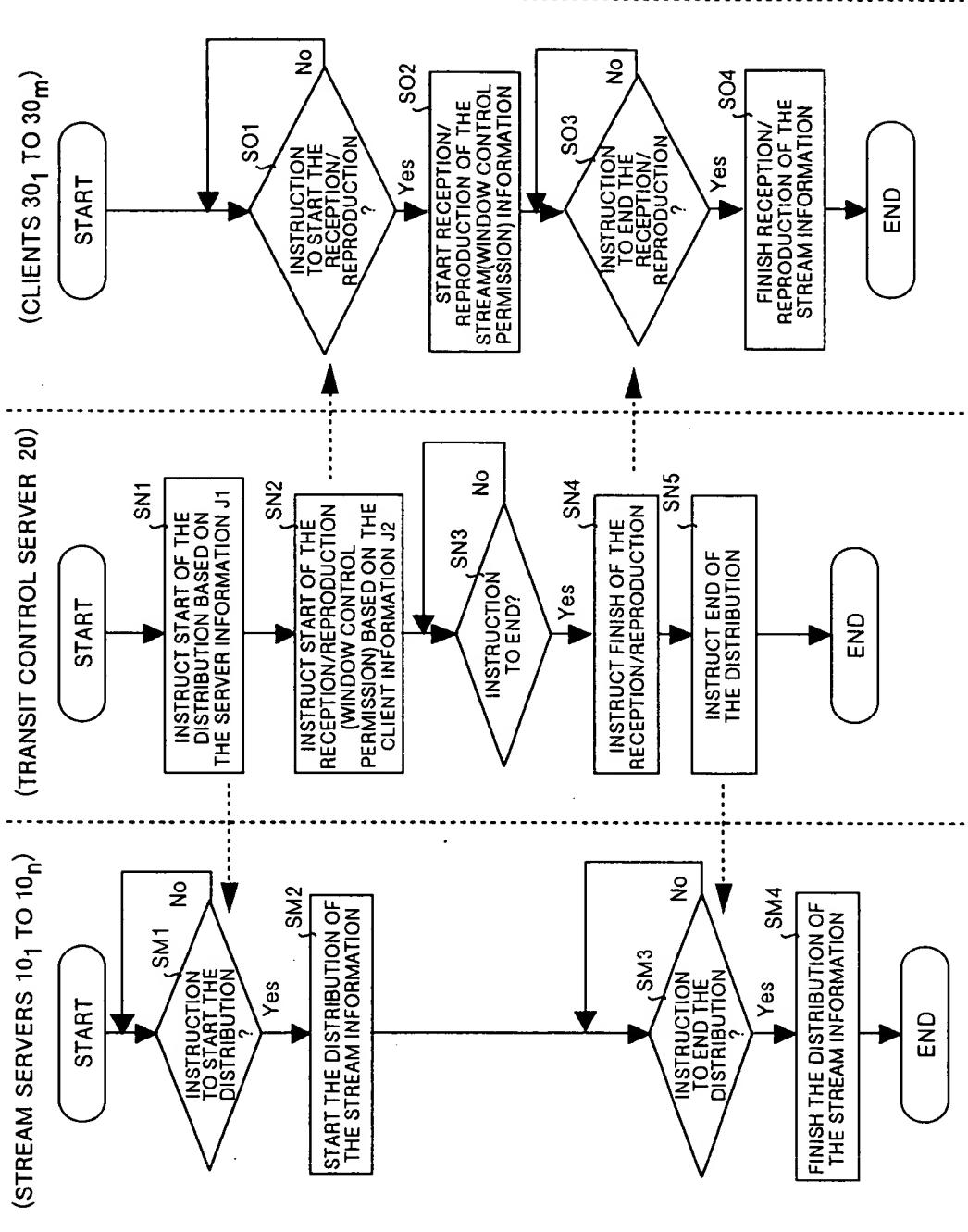


FIG. 12

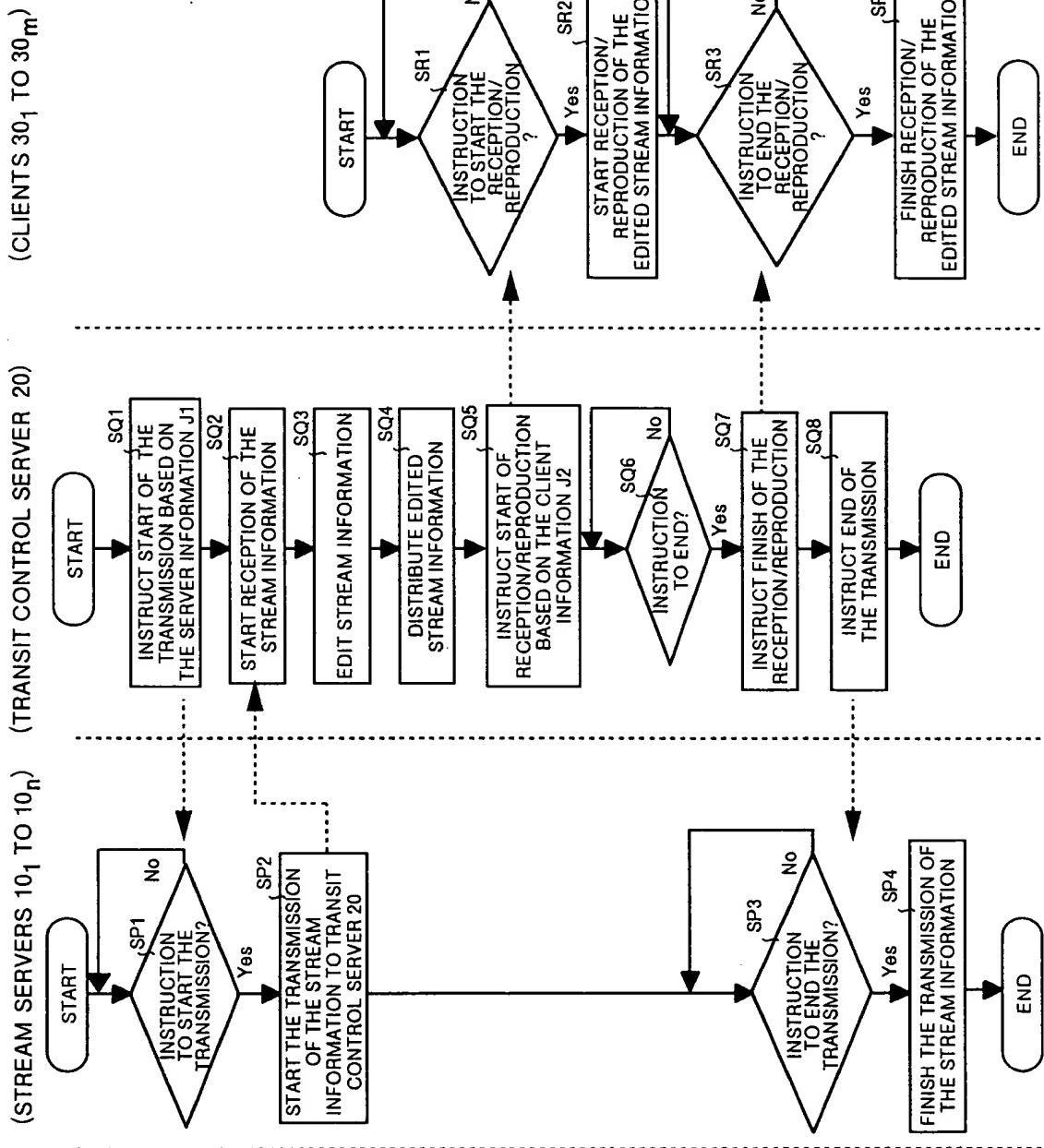


FIG. 13

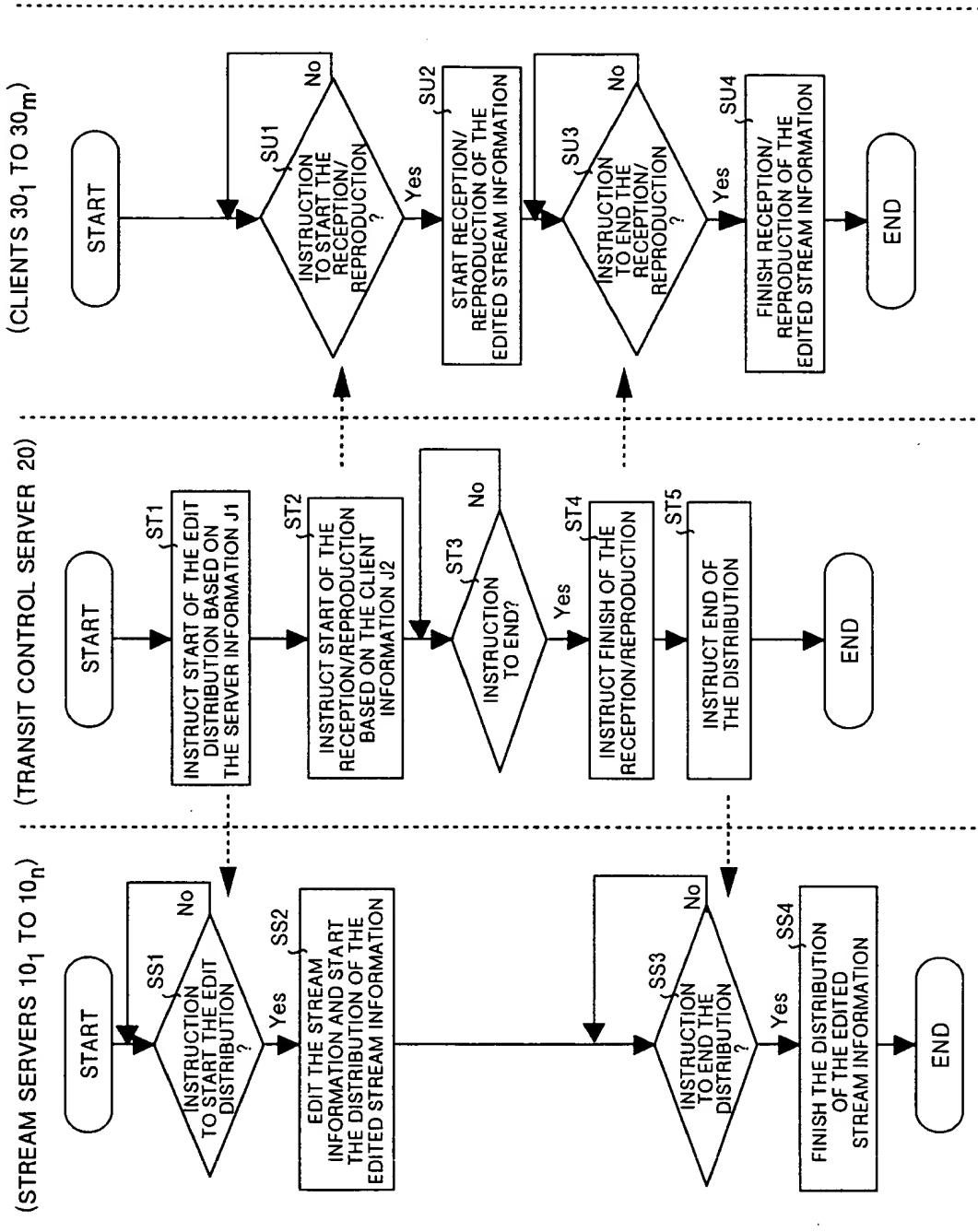


FIG. 14

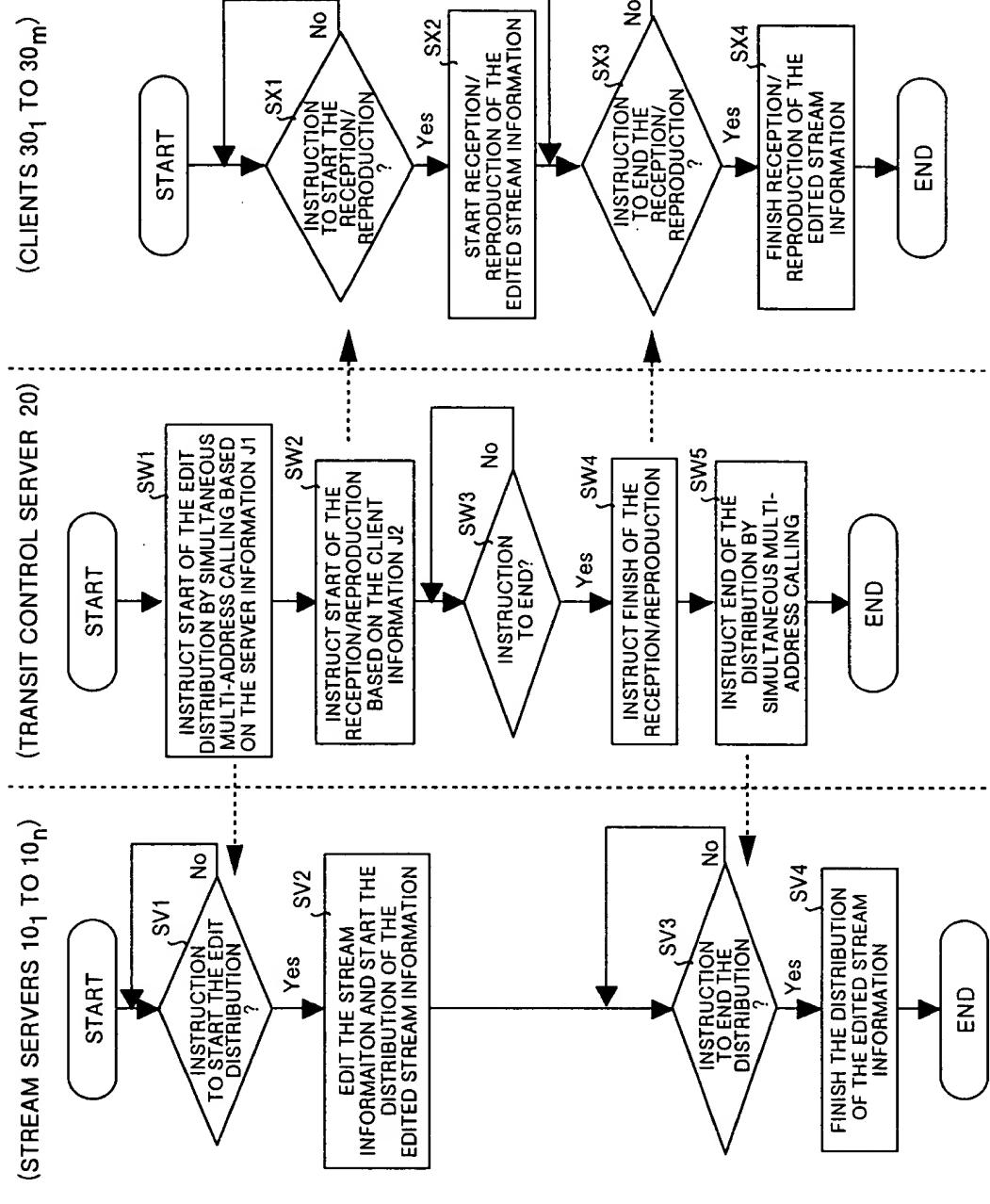
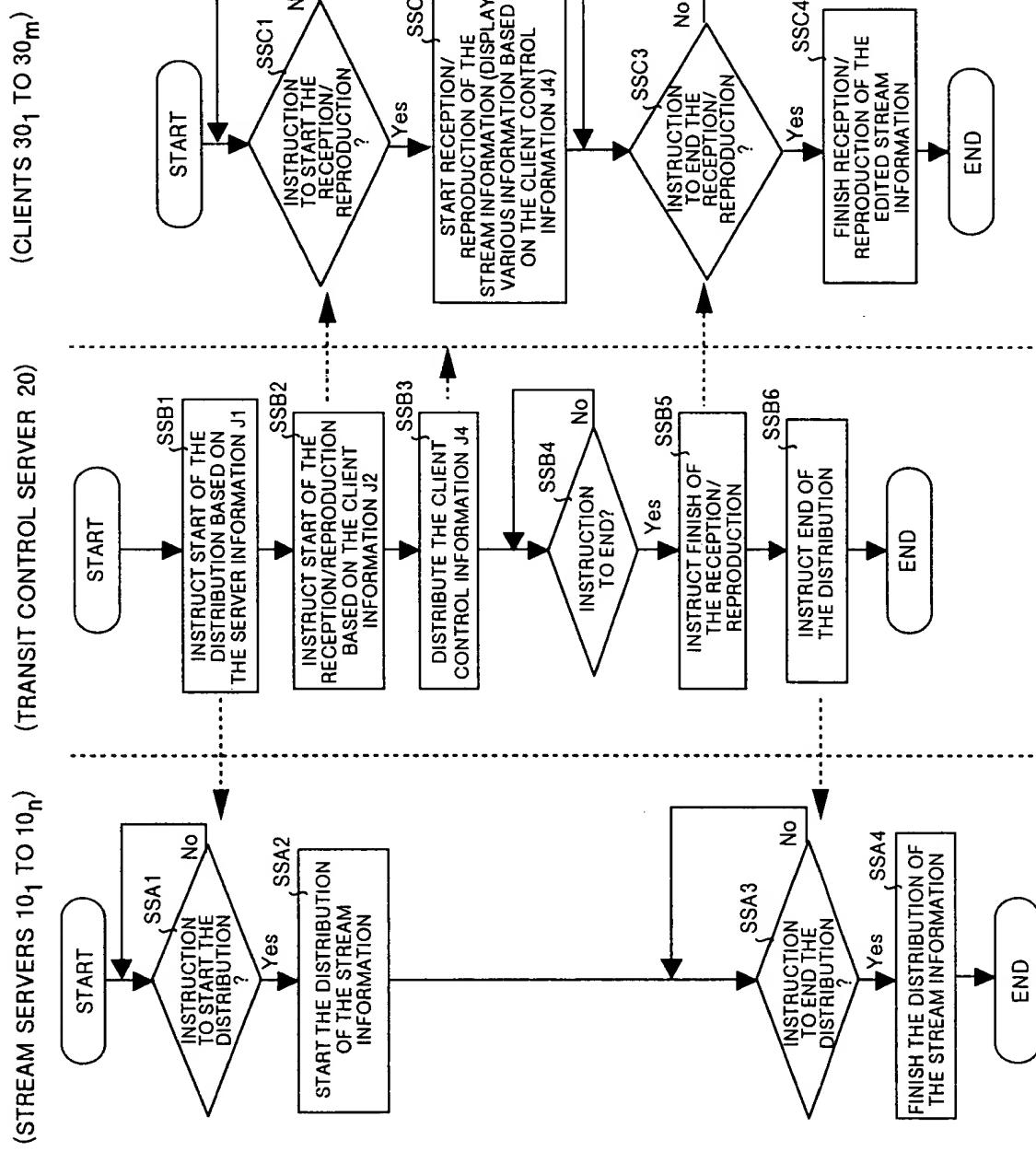


FIG. 15



# FIG. 16

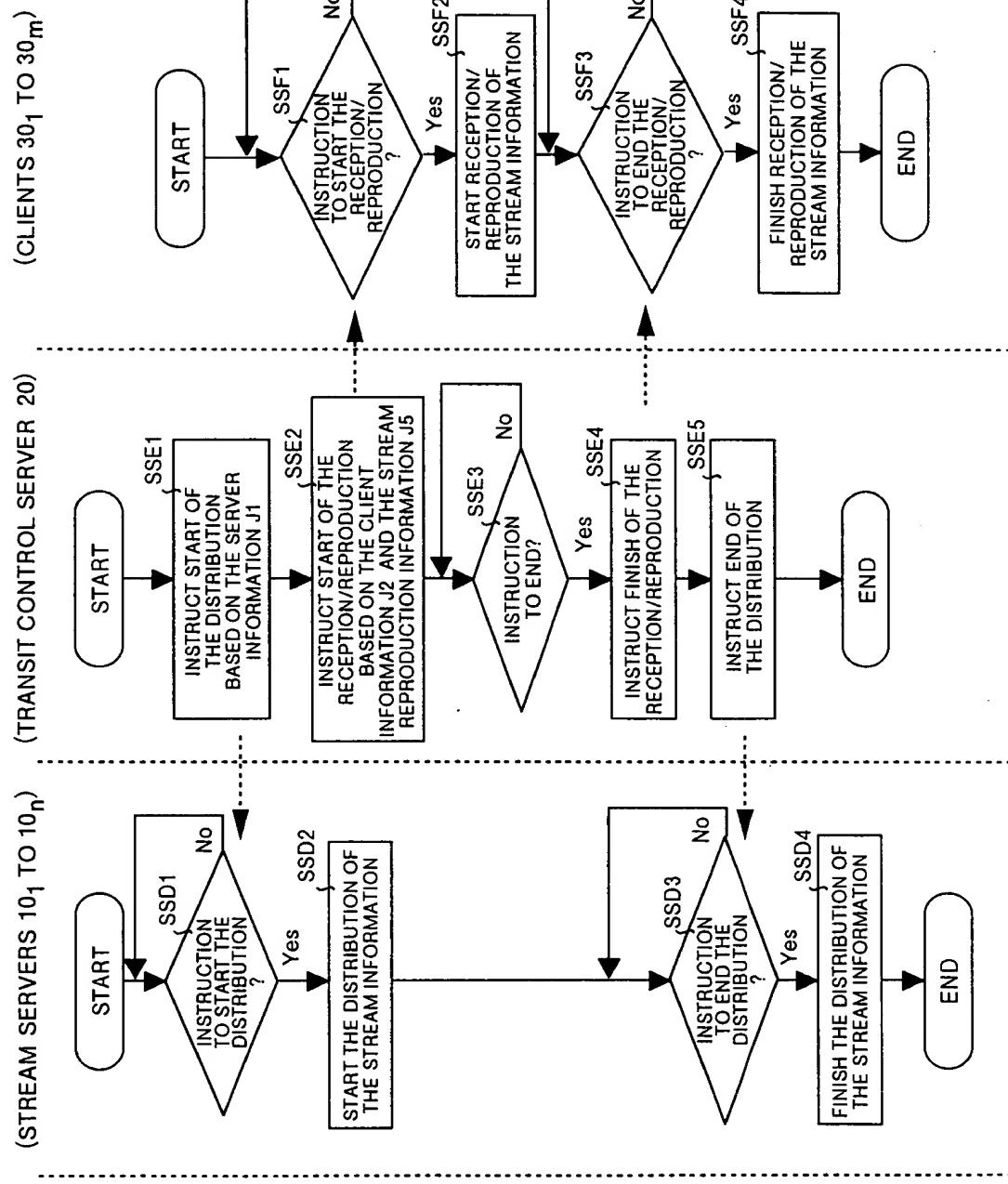
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J4: CLIENT CONTROL SERVER							
SERVER NAME	SERVER IP ADDRESS	CONTENTS NAME	MULTICAST ADDRESS	IMAGE	DISPLAY SIZE	VOICE	REPRODUCTION SPEED
STREAM SERVER 1	11.2.3.100	CONTENTS 1	239.0.10.100	DISPLAY	320×240	REPRODUCTION	NORMAL SPEED
:	:	:	:	:	:	:	:
STREAM SERVER n	11.2.3.199	CONTENTS n	239.0.10.199	DISPLAY	320×240	NO VOICE	NORMAL SPEED

SOUND VOLUME	REPRODUCTION STATUS DISPLAY	TITLE	TITLE DISPLAY	REPRODUCTION TIME DISPLAY	DISPLAY OF THE LINK STATUS OF THE MOVING PICTURE FILE AND THE VOICE FILE
LARGE	DISPLAY	Ctl1	DISPLAY	DISPLAY ON THE SCREEN	DISPLAY FILE NAMES OF BOTH
:	:	:	:	:	:
SMALL	NO DISPLAY	Ctl2	NO DISPLAY	NO DISPLAY	NO DISPLAY

FIG.17

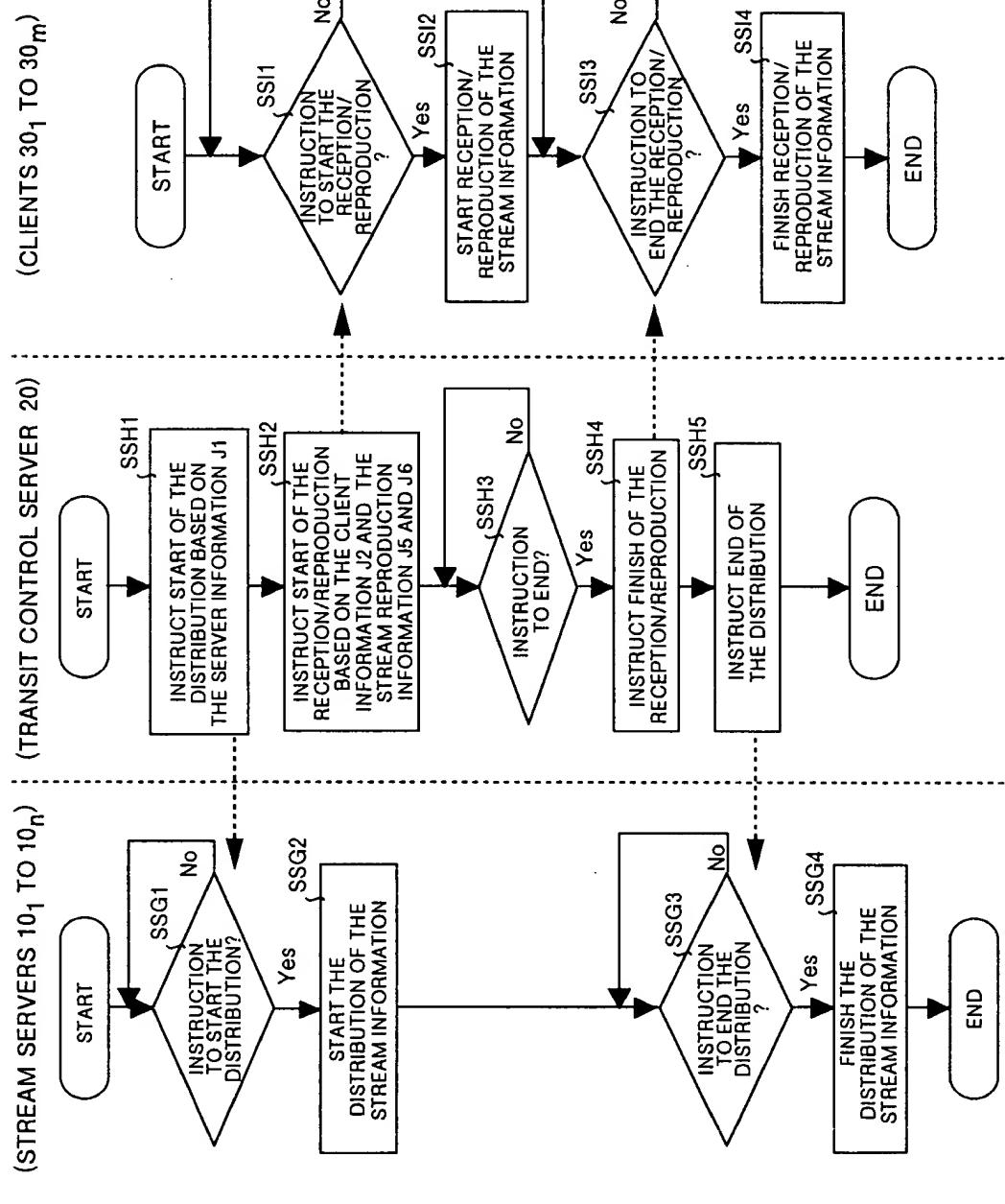


# FIG.18

J5;STREAM REPRODUCTION INFORMATION

FIRST STREAM INFORMATION		SECOND STREAM INFORMATION		SUPERIMPOSITION OF IMAGES	VOICE REPRODUCTION METHOD
SEREVER NAME	CONTENTS NAME	SEREVER NAME	CONTENTS NAME		
STREAM SERVER 1	CONTENTS 1	STREAM SERVER 2	CONTENTS 2	NO	SYNTHESIS

FIG. 19



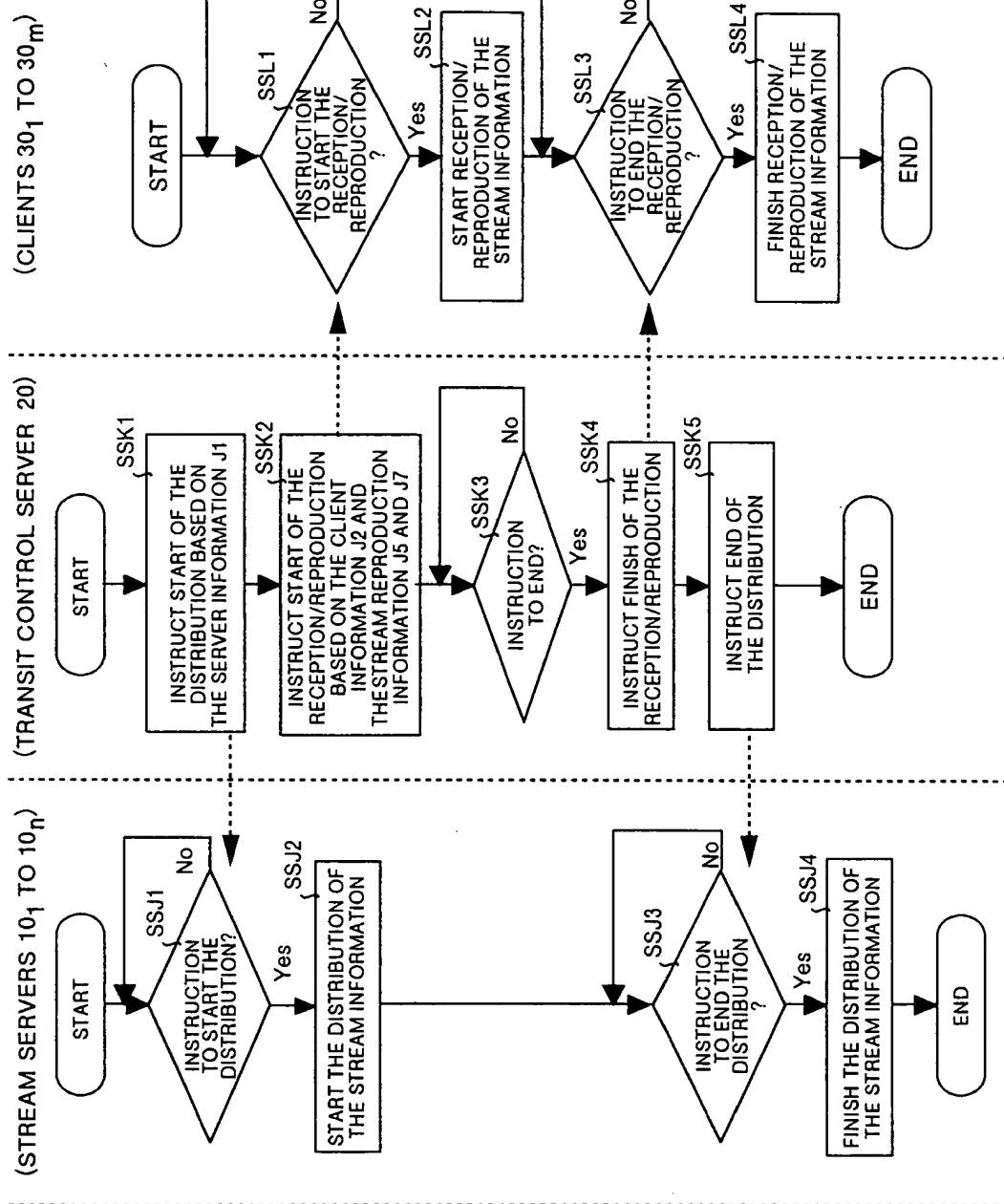
# FIG.20

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J6; STREAM REPRODUCTION INFORMATION

STREAM NUMBER	CONTENTS NAME	DISPLAY INFORMATION		VOICE REPRODUCTION INFORMATION	
		DISPLAY SIZE	DISPLAY LAYOUT	SOUND VOLUME ALLOCATION	TIME ALLOCATION
1	CONTENTS 1	1:640X480	WHOLE DISPLAY	1:100%	1:100%
2	CONTENTS 1 CONTENTS 2	1:320X240 2:320X240	LATERAL AND PARALLEL DISPLAY	1:100% 2: 0%	1:100% 2: 0%

FIG.21

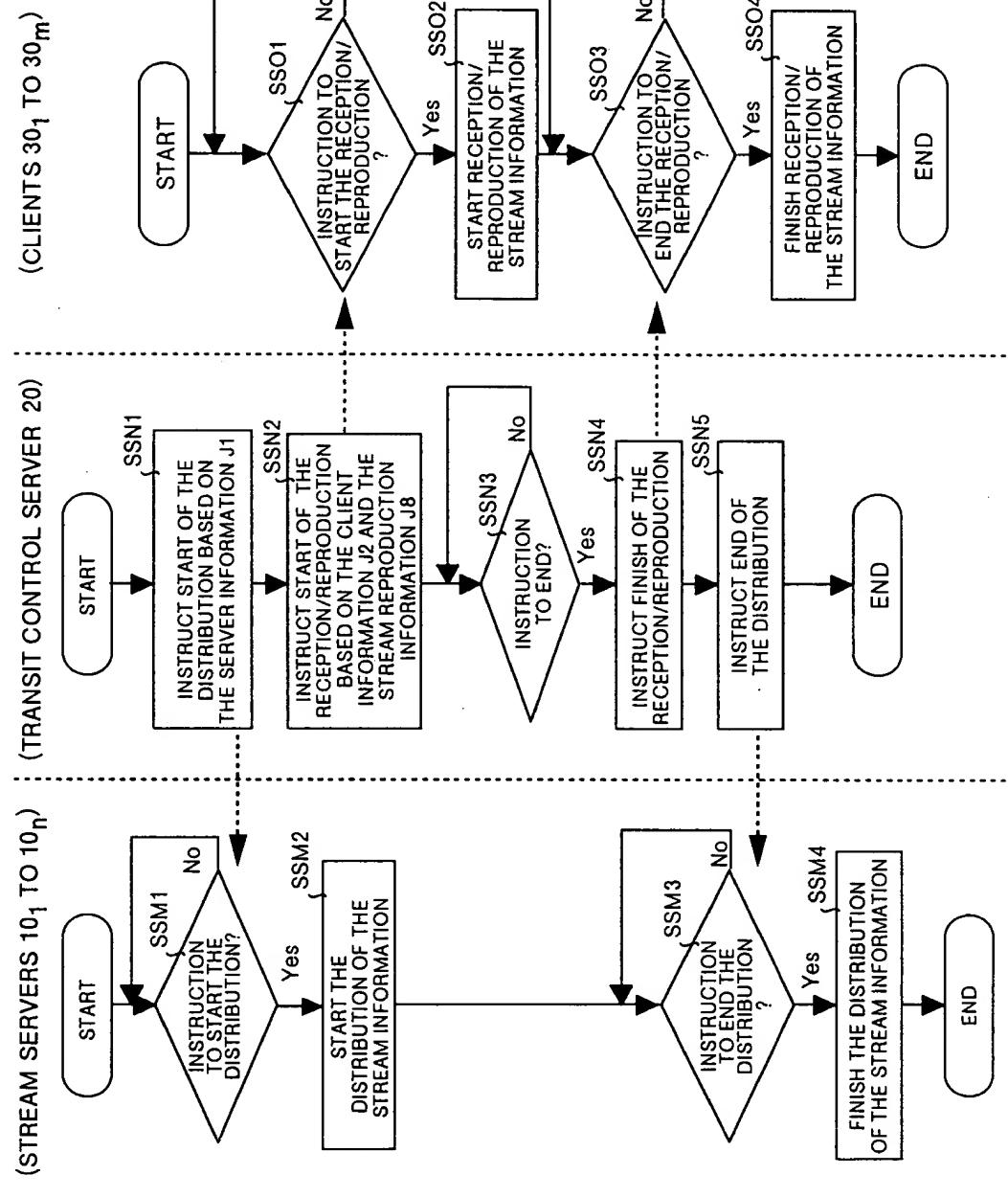


## FIG.22

J7; STREAM REPRODUCTION INFORMATION

STREAM NUMBER	CONTENTS NAME	DISPLAY INFORMATION		VOICE/SOUND QUALITY INFORMATION
		FRAME RATE PER STREAM	NUMBER OF COLORS	
1	CONTENTS 1	1:30fps	16 MILLION	1:44.1kHz,16bit
2	CONTENTS 1	1:15fps	16 MILLION	1:22.05kHz,8bit
	CONTENTS 2	2:15fps	16 MILLION	2: NO OUTPUT

FIG.23



## FIG.24

## J8:STREAM REPRODUCTION INFORMATION

FIRST STREAM INFORMATION			SECOND STREAM INFORMATION		
SERVER NAME	CONTENTS NAME	IMPORTANCE LEVEL	SERVER NAME	CONTENTS NAME	IMPORTANCE LEVEL
STREAM SERVER 1	CONTENTS 1	HIGH	STREAM SERVER 2	CONTENTS 2	LOW

REPRODUCTION INFORMATION ON STREAM INFORMATION  
WITH HIGH IMPORTANCE LEVEL

DISPLAY POSITION	DISPLAY SIZE	FRAME RATE	NUMBER OF COLORS	VALUE	CHROMA	PRESENCE OR ABSENCE OF VOICE REPRODUCTION
UPPER ROW	640×480	30fps	16MILLION	HIGH	HIGH	WITH REPRODUCTION

REPRODUCTION INFORMATION ON STREAM INFORMATION  
WITH LOW IMPORTANCE LEVEL

DISPLAY POSITION	DISPLAY SIZE	FRAME RATE	NUMBER OF COLORS	VALUE	CHROMA	PRESENCE OR ABSENCE OF VOICE REPRODUCTION
LOWER ROW	320×240	15fps	65000	LOW	LOW	WITHOUT REPRODUCTION

FIG.25

